

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE

12

PAGE OF PAGES

1

2

2. AMENDMENT/MODIFICATION NO.

Amendment 5

3. EFFECTIVE DATE

See Block 16C.

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

SLS AD

6. ISSUED BY

Procurement Office  
George C. Marshall Space Flight Center  
National Aeronautics and Space Administration  
Marshall Space Flight Center, AL 35812

PS42

MJB

7. ADMINISTERED BY (If other than item 6)

CODE

PS42

NASA/MSFC

Attn: Monica Heidelberg  
Marshall Space Flight Center, AL 35812

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

✓

9A. AMENDMENT OF SOLICITATION NO.

NNM12ZPS002N

X

9B. DATED (SEE ITEM 11)

March 20, 2012

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 13)

CODE

FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☒ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 0 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Not applicable.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority). THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return      copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See changes as outlined on page 2 of this amendment.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Monica Heidelberg  
Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

BY \_\_\_\_\_  
(Signature of person authorized to sign)

BY Monica Heidelberg  
(Signature of Contracting Officer)

5/8/2012

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)  
Prescribed by GSA  
FAR (48CFR) 53.243

The purpose of this amendment is to modify NASA Research Announcement (NRA) NNM12ZPS002N, for the Space Launch System (SLS) Advanced Development acquisition as summarized below.

1. Modify the NRA Table of Contents to change the order of proposal assembly.

Specific changes to the NRA are further identified in the paragraphs below.

1. NRA Table of Contents is hereby amended to change the proposal assembly and place the Letters of Intent at the end of Section 2, Intrinsic Merit. Reference NRA 4.2.8. See NRA replacement pages 9 and 10.

2. The following pages of the NRA NNM12ZPS002N solicitation are revised or added as attached hereto and made an inseparable part thereof.

Revised Pages

NRA: page 9 and 10

Added Page

None

3. The amendment consists in its entirety of Standard Form 30, page 2 and the revised/added page listed in Paragraph 2 above. No other changes are incorporated at this time. All other terms and conditions of the NRA will remain in full force and effect.

4.2.7.2 Industry Offerors should use the Broad Advanced Development Topics presented in Appendix A, Section 5.0 as guidance for focusing the proposed work into areas of interest that have been identified by the ADO.

4.2.7.3 Academic Offerors should use the Focused Advanced Development Topics presented in Appendix A, Section 5.0 as guidance for focusing the proposed work into areas of interest that have been identified by the ADO.

4.2.8 Proposal Content. Proposal submissions are to be clearly separated into four sections: Relevance to NASA's Objectives, Intrinsic Merit, Price, and Model Contract (or Model Grant). Relevant technical or management information and data shall only be included within the Relevance to NASA's Objectives and Intrinsic Merit Sections unless otherwise noted. The proposal shall be assembled with the items given in the following section in the order shown, using the page limits provided herein. All proposal material that exceeds the specified page limits will not be reviewed and evaluated. The page limits provided in this section hold precedence over the page limits supplied in 2.3.1(a) of the *NASA Guidebook for Proposers*. All page numbers shall be clearly displayed in the footer portion of each page. See Table 1 for formatting of page numbers. The proposals shall include the following content and associated information:

- Cover Page
- Abstract
- Table of Contents

Section 1 – Relevance to NASA's Objectives

- Technical Scope
- Improves or Influences Affordability, Reliability, and Performance

Section 2 – Intrinsic Merit

- Management Approach
  - Distribution and Management of Responsibilities and Work
  - Teaming, Partnering, and Subcontracting Arrangements
  - Key Capabilities, Facilities, and Equipment
  - Ground Rules and Assumptions
  - Deviations and Exceptions
- Technical Approach
  - Technical Objectives, Methodology, and Innovation
  - Upgrade Implementation Approach
  - Related Work Experience
  - Current and Pending Support
- Bibliography

- Letters of Intent
- Appendix E, Subcontractor Information

Section 3 – Price

- Introduction
- General Instructions
- Specific Price Detail
- Deviations from Price Section Requirements
- Additional Price Requirements if Selected for Award

Section 4 – Model Contract (if applicable)\*

- Contract Terms and Conditions
- Statement of Work
- Data Procurement Document
- Work Breakdown Structure

Section 4 – Model Grant (if applicable)\*

- Grant Provisions, Special Conditions, Additional Terms, and Required Publications and Reports
- Statement of Work

(\* While Model Contract/Model Grant is a separate section, it will be evaluated under the Intrinsic Merit evaluation factor as described in 5.0 of this NRA)

4.2.8.1 Cover Page. See 4.2.3 through 4.2.5 of this NRA for details.

4.2.8.2 Abstract. Offerors shall include a concise (200-300 words) and complete summary overview of the proposed work effort.

4.2.8.3 Table of Contents. Offerors shall include a table of contents that provides a guide to the organization and contents of the proposal. This item may also incorporate customized formats of the Offeror's own choosing.

4.2.8.4 Section 1 – Relevance to NASA's Objectives

4.2.8.4.1 The objectives of NASA are outlined in the *2011 NASA Strategic Plan*. In this plan the specific objectives of NASA are presented in the context of the overall objectives of the nation relative to aerospace and defined further in the National Space Policy. Each program within NASA maintains alignment with the overarching objectives of the Agency by way of specific objectives of that program and its included elements. The objectives